

Bear Creek Bridge

On St. Killian Road, over Bear Creek
Buena Vista
Richland County
Wisconsin

HAER No. WI-42

HAER
WIS,
52-BUVI,
1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
U. S. Department of the Interior
P. O. Box 37127
Washington, D. C. 20013-7127

HISTORIC AMERICAN ENGINEERING RECORD

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Bear Creek Bridge

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Location: On St. Killian Road, over Bear Creek (Section 1, Town 9N, Range 2E), in the Town of Buena Vista, Richland County, Wisconsin

Date of Construction: 1886; moved to new location, date unknown

Builder/Designer: Penn Bridge works
Beaver Falls, Pennsylvania

Present Use: Vehicular bridge

Significance: The Bear Creek Bridge is an example of early, single-span Pratt Half-Hip Pony truss. The construction technique of built-up members is typical for the pre-1895 period.

Historian: Lola Bennett
Wisconsin Historic Bridges Recording Project
Summer 1987

ARCHITECTURAL INFORMATION

Style: Pratt Half-Hip Pony Truss

Material of Construction: : Truss - wrought iron
Deck and abutments - concrete

Shape and Dimensions: Single Pratt Half-Hip span, 41 feet by 13 feet 6 inches.

Exterior Features: Upper chords are double upright channels tied with V-lacing.
Lower chords are double rectangular looped eyebars.
Verticals are double back-to-back angles, tied with X-lacing.
Diagonals are double square looped eyebars.
Counters are double square looped eyebars with upset ends and solid turnbuckles.
Fish-belly floor beams are hung from panel-point pins with square U-bolt.
Bottom later bracing is missing.
Pinned connections.

OTHER INFORMATION

Frederich Weinhagen, co-founder of the Wisconsin Bridge & Iron Company, may have acted as the general agent for the Penn Bridge Works on this project.

SOURCE OF INFORMATION

P-52-224 Truss Bridge Intensive Survey (1986), Wisconsin Department of Transportation Files, Madison.